

# Filter Your Way To Stable TV



## TV FILTERS

Busier radio spectrum carrying more services than ever is creating new problems receiving and distributing reliable TV signals.

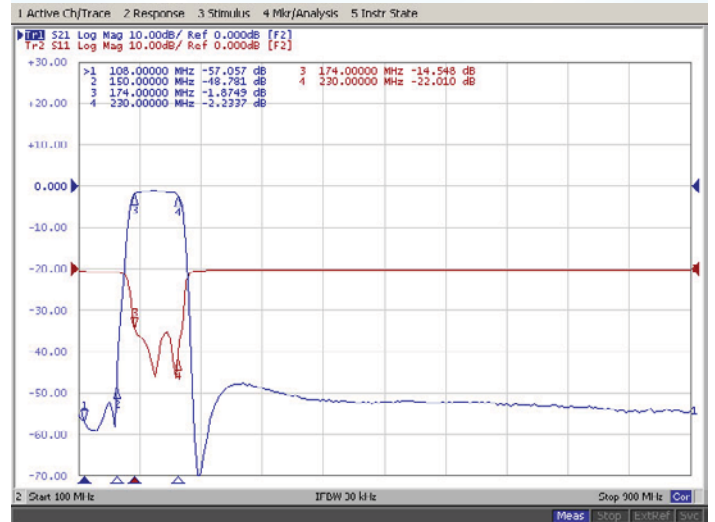
To help installers keep it clean, we have extended our range of Aerial Industries Ltd 4G Low Pass Filters to include a selection of television Band Pass Filters.

### FBPA50



#### 174 – 230MHz BAND PASS FILTER

- Passes **channels 6 to 12** (primary Capital City TV services)
- As much as 50dB sharp rejection of all other radio communications
- Return Loss >15dB typical
- 13 x 48mm (58mm incl F connector).

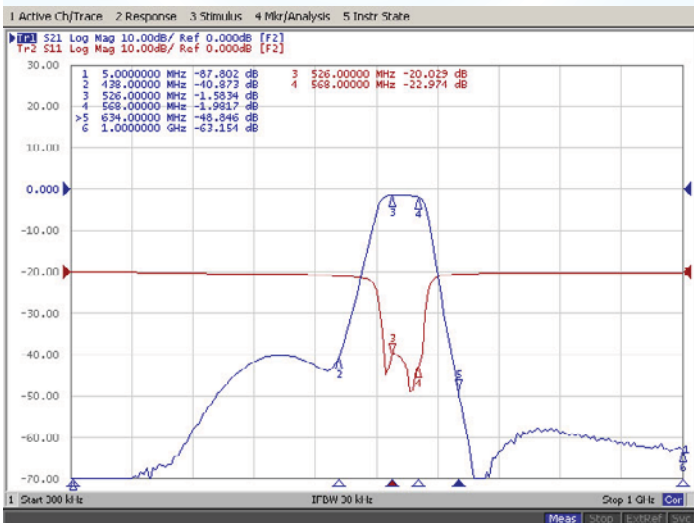


### FBPB50



#### 526 – 568MHz BAND PASS FILTER

- Passes **channels 28 to 33 (block B)**
- Up to 50dB sharp rejection of all other radio communications
- Return Loss >15dB typical
- 13 x 48mm (58mm incl F connector).

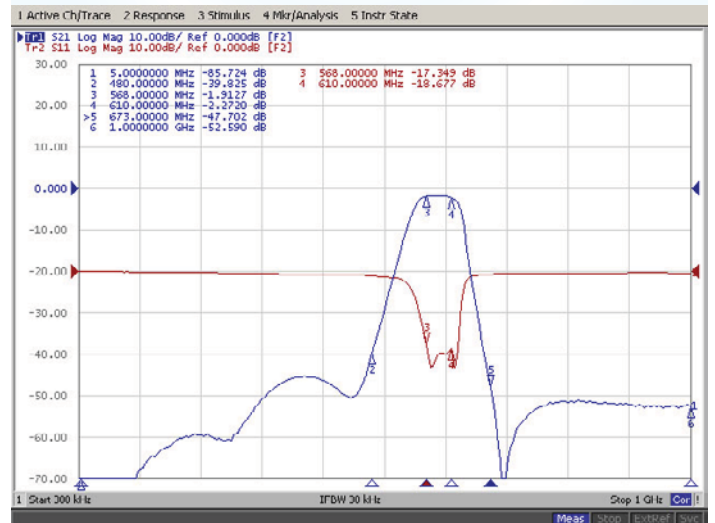


### FBPC50



#### 568 – 610MHz BAND PASS FILTER

- Passes **channels 34 to 39 (block C)**
- Up to 50dB sharp rejection of all other radio communications
- Return Loss >15dB typical
- 13 x 48mm (58mm incl F connector).



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## FBPD50



### 610 – 652MHz BAND PASS FILTER

- Passes **40 to 45 (block D)**
- Up to 50dB sharp rejection of all other radio communications including pagers and LTE 4G
- Return Loss >15dB typical
- 13 x 48mm (58mm incl F connector).

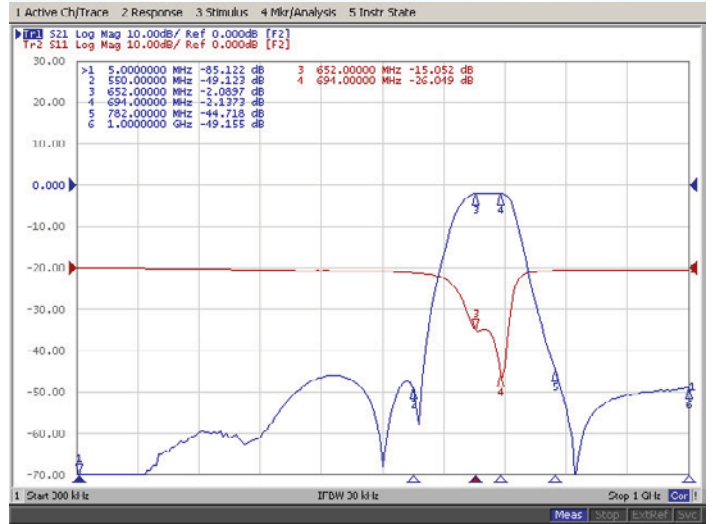


## FBPE50



### 652 – 694MHz BAND PASS FILTER

- Passes **channels 46 to 51 (block E)**
- Up to 50dB sharp rejection of all other radio communications
- Return Loss >15dB typical
- 13 x 48mm (58mm incl F connector).



## FAE60



### 694 MHz LOW PASS FILTER

- Passes **FM and TV to channel 51**
- Up to **60dB** sharp & deep rejection of LTE 4G interference
- Return Loss 20dB typical
- 21 x 47mm (57mm incl F connector).



## FAE50



### 694 MHz LOW PASS FILTER

- Passes **FM and TV to channel 51**
- Up to 50dB rejection of LTE 4G interference
- Return Loss 20dB typical
- 13 x 36mm (46mm incl F connector).

